

Work Order ID 55974

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February 9, 2010 3:25:15 PM

Item ID: D205-541-142

Accept



Setup Start



Revision ID:

Item Name: Heli-Utility-Basket, RH

Stop



Start Date: 2/08/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/19/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

Date: 10-2-09

Tooling:

Date:

Run Start



QC:

Date: _____

SPC (Y/N):

Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr	
D205-541	I A-PRELIM \$	
D4041	PAS A 10/02/18	

100 0.00



DOCUMENT CONTROL

DC

Document Control

Memo

0.00

CHG001

110



Small Fab

0.00

Small Fab

Memo

0.00

Small Fab

Assemble basket as per Dwg.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____

Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____

SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center ID

120



QC

Quality Control

Operation
Description

QC5- Inspect part completeness to step on W/O

Set Up/
Run Hours

0.00

Draw
Number

Rev.

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

S10/cr23

(QC)

130



Packaging

Packaging

Pick Kit

0.00

Memo

140



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

S10/cr23

(QC)

kit is complete

0.00

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Customer:

Reference:

Approvals: Process Plan: *H*Date: *10-2-09*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

150

Operation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

0.00

Rev Draft
10-2-23 SL


Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPPD205-541-142
Location: _____
PPP Rev: _____

Packaging

160



QC

QC21- Final Inspection - Work Order Release

0.00

Quality Control

Memo

0.00

*QC21 for PRELIMINARY ISSUE FOR
TEST FLIGHT*
MF
10-2-23

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Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4042-042 		Manufactured	No			110	Each	0.0000	1.0000	 B56022	 2/10/2010/23	
Short Basket Base Assembly, RH 		Manufactured	No			110	Each	0.0000	1.0000	 B56019	 2/10/2010/23	
D4047-041 		Manufactured	No			110	Each	0.0000	1.0000	 B55612	 2/10/2010/23	
Short Basket Lid Assembly, LH 		Manufactured	No			110	Each	0.0000	1.0000	 B55278	 2/10/2010/22	
D2530 		Manufactured	No			110	Each	0.0000	1.0000	 B55916	 2/10/2010/22	
Handle Weldment 	6 	Manufactured	No			110	Each	0.0000	1.0000	 B55278	 2/10/2010/22	
Placard 		Manufactured	No			110	Each	0.0000	1.0000	 B55916	 2/10/2010/22	
D3969-3 		Manufactured	No			110	Each	0.0000	1.0000	 B55916	 2/10/2010/22	
Spring (Basket Lid) 		Manufactured	No			110	Each	67.0000	2.0000	 53181	 2/10/2010/22	
D2537 		Manufactured	No									
Bushing 												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	67	
52994	7	
53181	60	 53181

W/O:		WORK ORDER CHANGES					
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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3953-3 		Manufactured	No			110	Each	19.0000	2.0000	✓		

Gas Spring Stud, Lid

Warehouse	Loc Qty	Loc Code		
			Location	
Main Warehouse				
ST139B	19			
53757	19			
D3953-7 	110	2.0000	Each	38.0000
Spring Spacer				

Warehouse	Loc Qty	Loc Code		
			Location	
Main Warehouse				
ST139	38			
52758	2			
53970	36			

W/O:		WORK ORDER CHANGES					
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D3953-9 		Manufactured	No			110	Each	72.0000	2.0000			

Gas Spring Washer

Warehouse	Loc Qty	Loc Code									
			Location								
Main Warehouse			ST139	2							
			53642	2							
Main Warehouse			ST139C	70							
			53642	70							
D3953-17 	Manufactured	No		110	Each	7.0000	2.0000				

Gas Spring Spacer

Warehouse	Loc Qty	Loc Code									
			Location								
Main Warehouse			ST	5							
			52763	5							
Main Warehouse			ST139	2							
			52763	2							
D3953-19 	Manufactured	No		110	Each	0.0000	1.0000				

Gas Spring Bracket

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Shop Packet Print

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Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3953-21

Manufactured No

110 Each 0.0000

B56407 (K)

1.0000

M/M 2/10/10/23

Gas Spring Bracket
D3917-3

Manufactured No

110 Each 5.0000

6.0000

✓ 55030

Spacer

AN310-4

Purchased No

ST 48402

110 Each 76.0000

5.0000

✓ 1/2/13

NUT

		<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Main Warehouse				
ST				
48402				
110 Each 5				
5				
Main Warehouse				
ST				
112969				
9				
113422				
12				
113845				
50				
Main Warehouse				
ST139				
112969				
5				

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Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-14A 		Purchased		No		110	Each	78.0000	4.0000			

Bolt

AN3-16A



Bolt

Warehouse

Location

Main Warehouse

ST 74

105953 15

109754 59

Main Warehouse

ST139 4

109754 4

Purchased No 110 Each 95.0000 2.0000

Warehouse

Location

Main Warehouse

ST 95

111965 45

113845 50

W/O:		WORK ORDER CHANGES					
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Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-12 		Purchased		No		110	Each	31.0000	3.0000	✓		

Bolt

AN5-17A



Bolt

Warehouse

Location

Main Warehouse

ST 28

104016 28

Main Warehouse

ST139 3

104016 3

110 Each 83.0000 4.0000 ✓

Warehouse

Location

Main Warehouse

ST 79

102140 4

107939 2

110625 2

112314 1

113422 20

113538 50

Warehouse

Location

Main Warehouse

ST139 4

112385 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3 		Purchased		No		110	Each	2,689.000	6.0000	✓		<i>PC 2/12/10</i>

Nut

Warehouse

Location

Main Warehouse

ST	2683	
110844	35	
111274	27	
111668	52	
112314	289	
112385	498	<i>M112385</i>
113523	82	
113537	700	
113644	1000	

Main Warehouse

ST139	6	
111668	6	

W/O:		WORK ORDER CHANGES					
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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L5 		Purchased		No		110	Each	459.0000	4.0000	<input checked="" type="checkbox"/>	2/11/2010 MS13523	

Nut

WarehouseLocation

Main Warehouse

ST	458	
110382	10	
111636	1	
112314	20	
113523	227	MS13523
113537	200	

Main Warehouse

ST139	1
112314	1

MS24665-231



Purchased

No

110

Each

195.0000 5.0000



cotter pin

WarehouseLocation

Main Warehouse

ST331	195
113815	195

MS13881

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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NAS1149F0363P		Purchased		No		110	Each	96.0000	4.0000			

Washer

Warehouse

Location

Main Warehouse

ST 92

113254 92

Main Warehouse

ST139 4

113254 4

110 Each 49.0000 5.0000

Warehouse

Location

Main Warehouse

ST 49

112314 49

NAS1149F0463P 10.02.18

NAS1149C0463R

Purchased

Washer

SEE W10 CHG

10.02.18

A2535 (spring)

qty 2

Batch: 56300

1/14/22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10.02.23		USE QTY (3) NAS1149F0432P (LIGHT WASHER) INSTEAD OF NAS 1149F0463P FOR HINGES B/N° M18057	EB	10/02/23	3	Q 10.02.23 DSI 042	

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NAS1149F0563P		Purchased		No		110	Each	112.0000	4.0000	2		

Washer

Warehouse**Location**

Main Warehouse

ST 108

108099 12

108471 96

Main Warehouse

ST139 4

108099 4

DSI 9302-011

Manufactured No



Strut Modification

CHC700 1

Warehouse**Location**

Main Warehouse

FG 3

23377 3

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D2022-101 		Manufactured	No			130	Each	421.0000	2.0000			

Spacer

Warehouse

Location

Main Warehouse

ST504	421
45885	221
50746	100
52325	100

D2332-041

Lid Prop Assembly 6.69" long

D2464

3/4 Seal

Manufactured

No

130

Each

0.0000

1.0000



Warehouse

Location

Main Warehouse

ST	720.3809737
39669	89.87
48173	630.510974

(D2464-0410) cut (1) at 41.00"

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Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 14

February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-5A 		Purchased		No		130	Each	1,773.000	100000 10.02.18			

Bolt

AN3-7A



Bolt

Warehouse

Location

Main Warehouse

ST 1773

100188 188

105057 1585

AN3-7A Purchased No 130 Each 109.0000 1.0000

Warehouse

Location

Main Warehouse

ST 109

110704 2

111127 2

113226 5

113539 100

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 15

February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-11A 		Purchased		No		130	Each	261.0000	4.0000			

Bolt

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	261	
109927	29	
110865	181	
14820	51	


m110865

AN4-6A



Purchased

No

130 Each 1,434.000 5.0000

Bolt

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	1434	
112314	34	
112641	100	
112720	100	
112829	300	
112933	300	
113149	600	


m112314

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN4-7A



Bolt

Purchased

No

130

Each

284.0000 ~ 1.0000

*[Signature]*WarehouseLocation

Main Warehouse

ST

284

113226

284

AN4-12A



Bolt

Purchased

No

130

Each

364.0000 ~ 2.0000

*M113226**[Signature]*WarehouseLocation

Main Warehouse

ST

364

105143

1

111605

13

111925

42

112314

300

6071

8

AN4-14A



Bolt

Purchased

No

130

Each

398.0000 ~ 11.0000

*M1118925**[Signature]*WarehouseLocation

Main Warehouse

ST

398

113359

398

M113355

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC **Start Qty:** 1.00 **Required Qty:** 1.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 18

February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416L		Purchased		No		130	Each	745.0000	4.0000	✓ M10538 M1B706		1/2/10

Washer

NAA01149 D06445 4165

051.17

Warehouse

Location

Main Warehouse

	Loc Qty	Loc Code
ST	745	
105078	4	
107008	54	
108583	38	
110153	249	
112492	400	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3 		Purchased	No			130	Each	2,689.000	9.0000		✓	2/02/10

Nut

Warehouse

Location

Main Warehouse

ST	2683	
110844	35	
111274	27	
111668	52	
112314	289	
112385	498	
113523	82	
113537	700	
113644	1000	

M112385

Main Warehouse

ST139	6	
111668	6	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			130	Each	2,547.000	20.0000			

Nut

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	2547	
102552	6	
104248	6	
110507	184	
111827	1351	1111827
113422	1000	
15924	0	

MS21043-4



Purchased No

130 Each 589.0000 2.0000



Nut

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG	40	
104603	40	

Main Warehouse

ST	549	
112243	2	
112314	103	
112492	11	
113064	433	1113064

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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February 9, 2010 3:25:21 PM

Work Order ID: 55974



Parent Item: D205-541-142



Parent Item Name: Heli-Utility-Basket, RH

Start Date: 2/08/10

Required Date: 2/19/10

Comments: IPP RevA: new issue DD 10.01.27 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21071L3 ANCHOR NUT N/A 10.02.18		Purchased	No	<u>Warehouse</u> <u>Location</u> Main Warehouse ST	130	Each	63.0000	1.0000				
MS21075L3 ~ Nutplate		Purchased	No	<u>Warehouse</u> <u>Location</u> Main Warehouse ST	102587	Each	70.0000	3.0000	10.02.18			
MS21086L3 Nut Plate		Purchased	No	<u>Warehouse</u> <u>Location</u> Main Warehouse ST	130	Each	26.0000	1.0000		1113734 112219	112219	112219

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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SS974

ITEM	QTY -011	P/N	DESCRIPTION
	X	D4041-011	SHORT BASKET ASSY, LH
1	1	D4042-041	SHORT BASKET BASE ASSY, LH
2	1	D4047-041	SHORT BASKET LID ASSY
3	1	D2530	HANDLE WELDMNT
4	2	D2535	SPRING
5	1	D4053-1	PLACARD
6	1	D3969-3	BASKET LID SPRING
7	2	D2537	BUSHING
8	2	D3953-3	GAS SPRING STUD
9	2	D3953-7	GAS SPRING SPACER
10	2	D3953-9	GAS SPRING WASHER
11	2	D3953-17	GAS SPRING SPACER
12	1	D3953-19	GAS SPRING BRACKET
13	1	D3953-21	GAS SPRING BRACKET
14	6	D3917-3	WASHER
15	5	AN310-4	NUT
16	4	AN3-14A	BOLT
17	2	AN3-16A	BOLT
18	3	AN4-12	BOLT (DRILLED)
19	4	AN5-17A	BOLT
20	6	MS21042L3	NUT
21	4	MS21042L5	NUT
22	5	MS24665-231	COTTER PIN
23	4	NAS1149F0363P	WASHER
24	5	NAS1149F0463P	WASHER
25	4	NAS1149F0563P	WASHER

RELEASED
2010-02-16
MH

D4041-011 SHORT BASKET ASSY, LH
(MESH NOT SHOWN FOR CLARITY)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 45.51 lbs APPROX
- 8) TORQUE AN3 BOLTS TO 20-25 in-lbs (2.2-2.8 Nm)
- 9) APPLY D4053-1 PLACARD CENTERED ON LABEL PLATE

A	NEW ISSUE	RF	10.01.29
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>MM</i>	REV. A	
MFG. APPR.	<i>MM</i>	DRAWING NO. D4041	
APPROVED	<i>MM</i>	SHEET 1 OF 5	
DE APPR.	<i>MM</i>	TITLE SHORT BASKET ASSY	
DATE	10.01.29	SCALE NTS	

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The diagram shows an exploded view of the Short Basket Assembly (RH). Components are labeled as follows:

- 2: Short Basket Base Assy, RH
- 3: Handle Weldment
- 4: Spring
- 5: Placard
- 6: Basket Lid Spring
- 7: Bushing
- 8: Gas Spring Stud
- 9: Gas Spring Spacer
- 10: Gas Spring Washer
- 11: Gas Spring Spacer
- 12: Gas Spring Bracket
- 13: Gas Spring Bracket
- 14: Washer
- 15: Nut
- 16: Bolt
- 17: Bolt
- 18: Bolt (Drilled)
- 19: Bolt
- 20: Nut
- 21: Nut
- 22: Cotter Pin
- 23: Washer
- 24: Washer
- 25: Washer

SSA 74

ITEM	QTY -012	P/N	DESCRIPTION
	X	D4041-012	SHORT BASKET ASSY, RH
1	1	D4042-042	SHORT BASKET BASE ASSY, RH
2	1	D4047-041	SHORT BASKET LID ASSY
3	1	D2530	HANDLE WELDMENT
4	2	D2535	SPRING
5	1	D4053-1	PLACARD
6	1	D3969-3	BASKET LID SPRING
7	2	D2537	BUSHING
8	2	D3953-3	GAS SPRING STUD
9	2	D3953-7	GAS SPRING SPACER
10	2	D3953-9	GAS SPRING WASHER
11	2	D3953-17	GAS SPRING SPACER
12	1	D3953-19	GAS SPRING BRACKET
13	1	D3953-21	GAS SPRING BRACKET
14	6	D3917-3	WASHER
15	5	AN310-4	NUT
16	4	AN3-14A	BOLT
17	2	AN3-16A	BOLT
18	3	AN4-12	BOLT (DRILLED)
19	4	AN5-17A	BOLT
20	6	MS21042L3	NUT
21	4	MS21042L5	NUT
22	5	MS24665-231	COTTER PIN
23	4	NAS1149F0363P	WASHER
24	5	NAS1149F0463P	WASHER
25	4	NAS1149F0563P	WASHER

RELEASED
2010-02-16
MJ

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 45.53 lbs APPROX
- 8) TORQUE AN3 BOLTS TO 20-25 in-lbs (2.2-2.8 Nm)
- 9) APPLY D4053-1 PLACARD CENTERED ON LABEL PLATE

D4041-012 SHORT BASKET ASSY, RH
(MESH NOT SHOWN FOR CLARITY)

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED			
MFG. APPR.	<i>R</i>	REV. A	
APPROVED	<i>MJ</i>	SHEET 2 OF 5	
DE APPR.		TITLE	SCALE
DATE	10.01.29	SHORT BASKET ASSY NTS	

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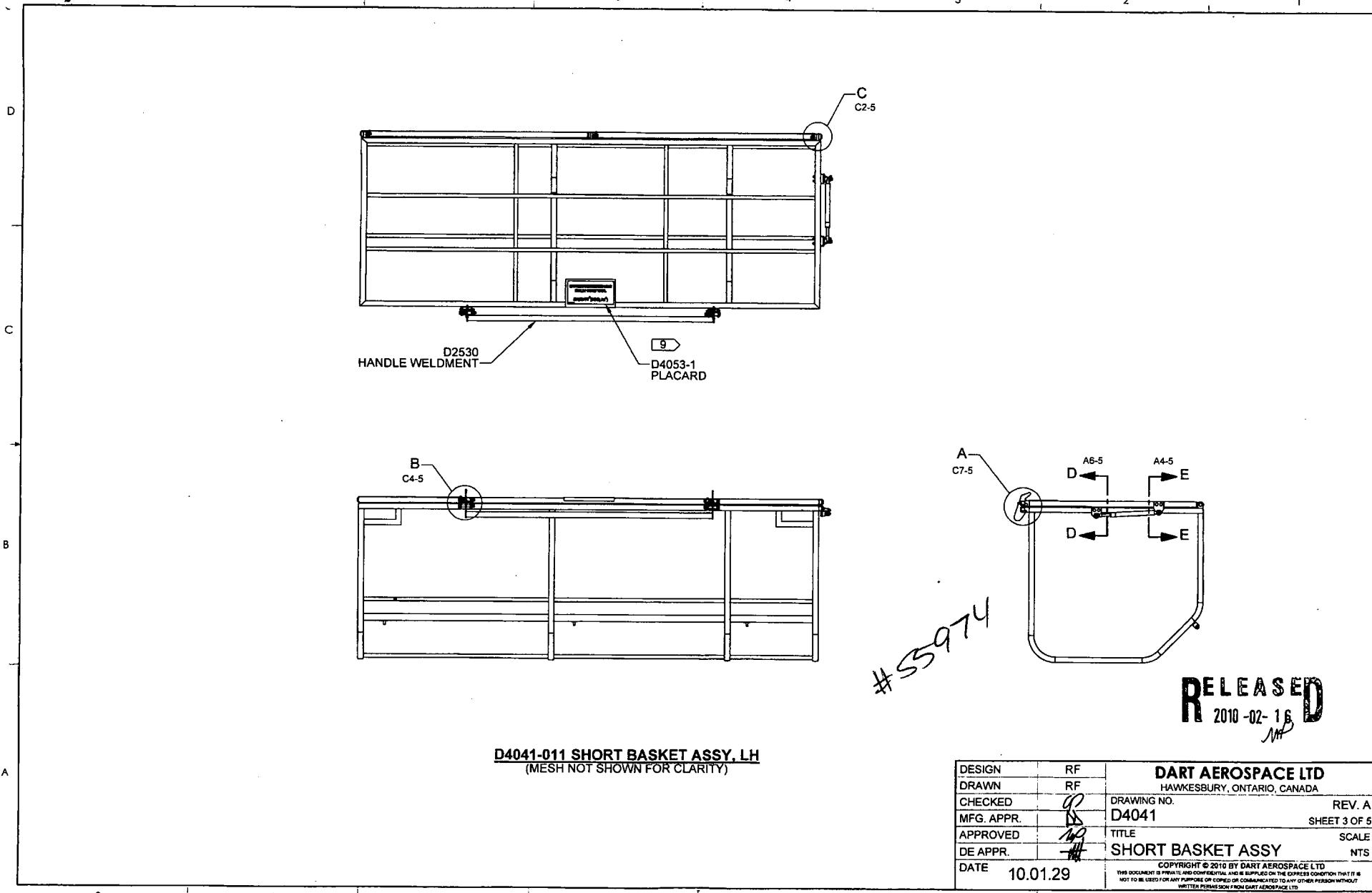
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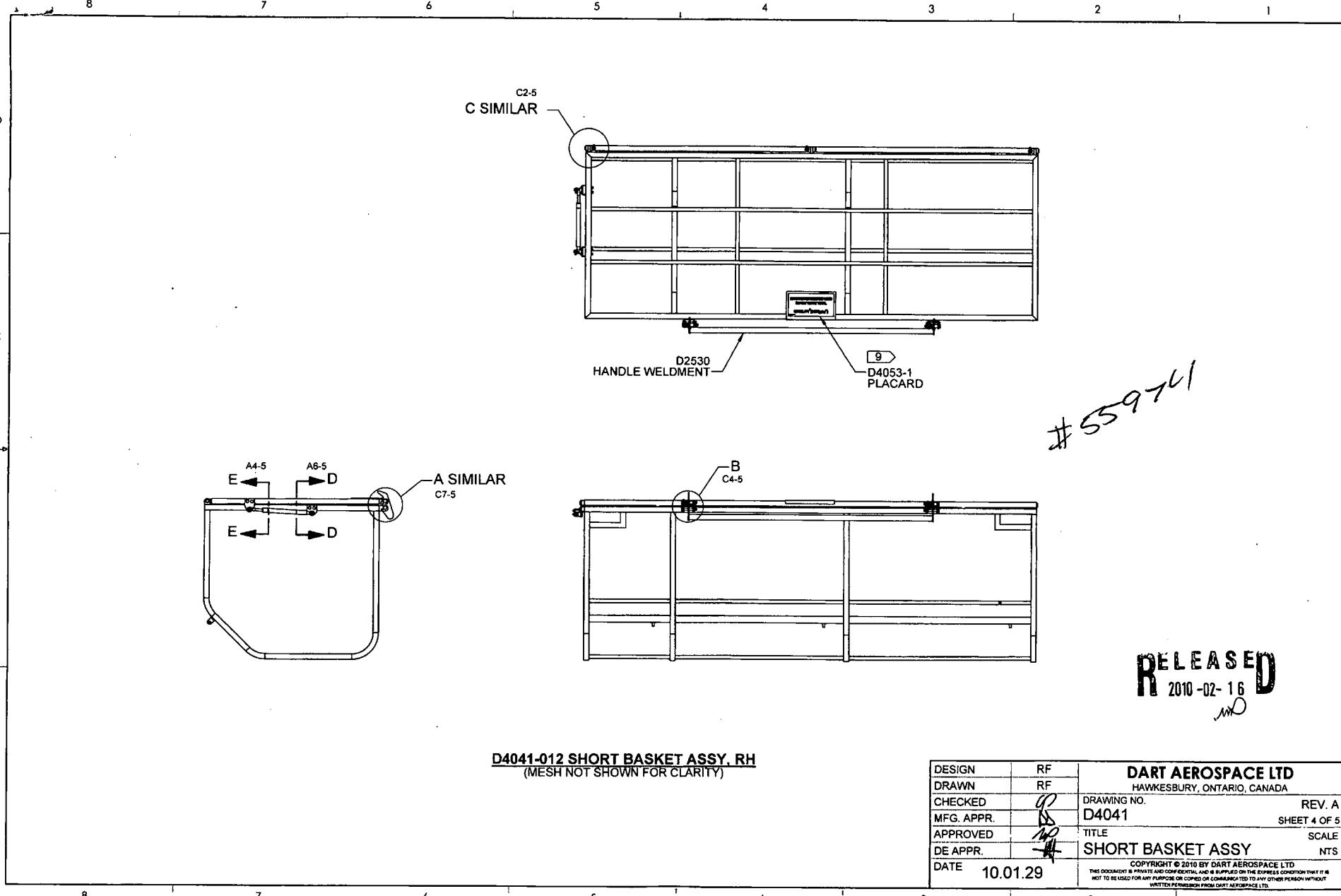
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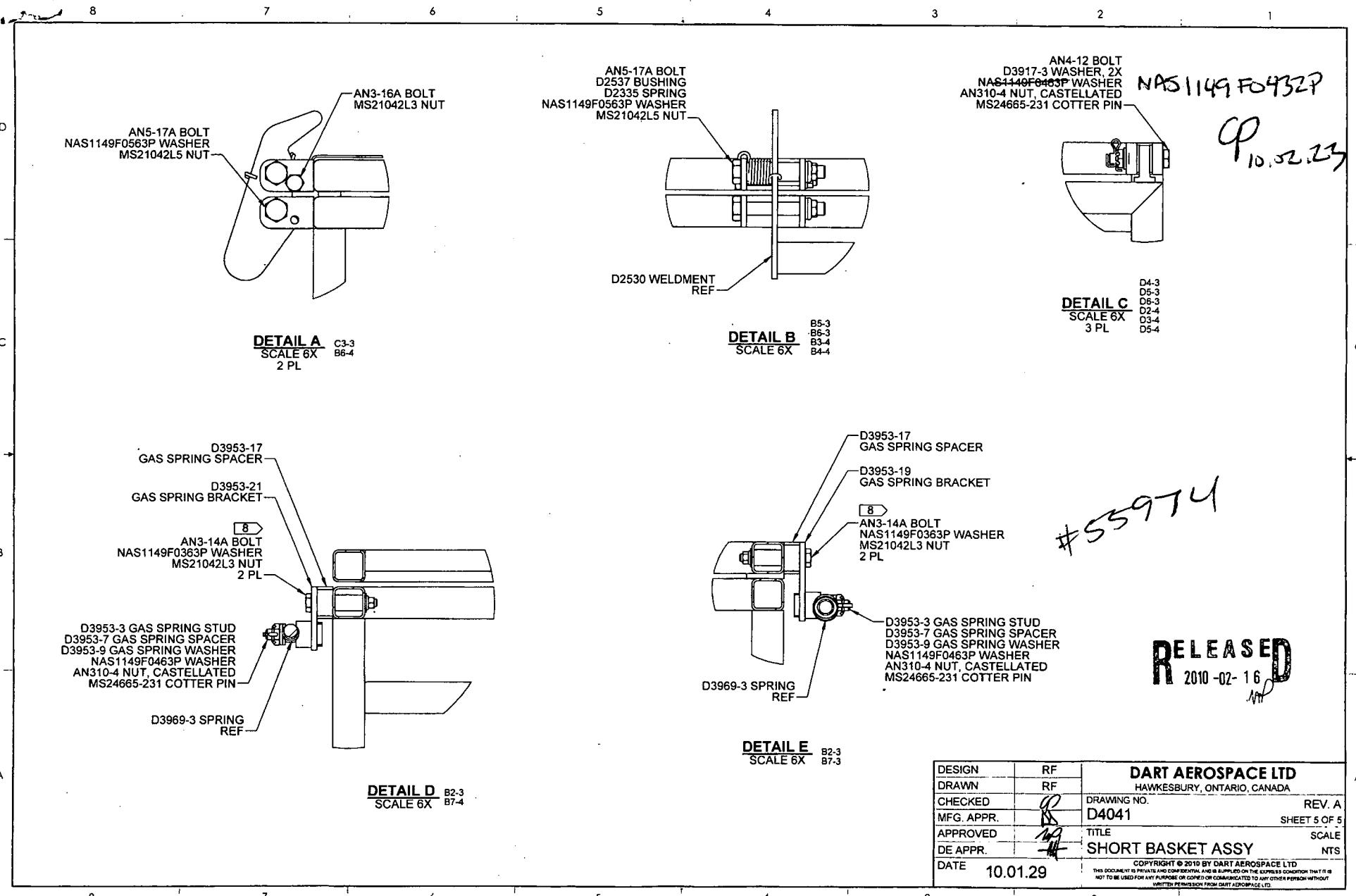
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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4041	SHEET 5 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SHORT BASKET ASSY NTS	
DATE	10.01.29		

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4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-541-043 <i>Heli-Utility-Basket™</i>	118 lb 53.6 kg	- 63.13 in - 1.60 m	- 7449 in-lb - 85.8 m-kg	132.25 in 3.36 m	15606 in-lb 180.1 m-kg
D205-541-044 <i>Heli-Utility-Basket™</i>	118 lb 53.6 kg	+ 63.13 in + 1.60 m	+ 7449 in-lb + 85.8 m-kg	132.25 in 3.36 m	15606 in-lb 180.1 m-kg
D205-541-045 <i>Heli-Utility-Basket™</i>	104 lb 47.3 kg	- 63.13 in - 1.60 m	- 6566 in-lb - 75.7 m-kg	132.25 in 3.36 m	13754 in-lb 158.9 m-kg
D205-541-046 <i>Heli-Utility-Basket™</i>	104 lb 47.3 kg	+ 63.13 in + 1.60 m	+ 6566 in-lb + 75.7 m-kg	132.25 in 3.36 m	13754 in-lb 158.9 m-kg
D205-541-047 <i>Heli-Access-Step™</i>	14 lb 6.4 kg	- 59.63 in - 1.51 m	- 834 in-lb - 9.7 m-kg	126.56 in 3.21 m	+ 1772 in-lb + 20.5 m-kg
D205-541-048 <i>Heli-Access-Step™</i>	14 lb 6.4 kg	+ 59.63 in + 1.51 m	+ 834 in-lb + 9.7 m-kg	126.56 in 3.21 m	+ 1772 in-lb + 20.5 m-kg
D205-541-141 <i>Heli-Utility-Basket™</i>	65 lb 29.5 kg	- 59.9 in - 1.5 m	- 3894 in-lb - 44.3 m-kg	161.6 in 4.1 m	+ 10504 in-lb + 121.0 m-kg
D205-541-142 <i>Heli-Utility-Basket™</i>	65 lb 29.5 kg	+ 59.9 in + 1.5 m	+ 3894 in-lb + 44.3 m-kg	161.6 in 4.1 m	+ 10504 in-lb + 121.0 m-kg

5.0 PARTS LIST HELI-UTILITY-BASKET™

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
X						D205-541-043	HELI-UTILITY-BASKET, LH
	X					D205-541-044	HELI-UTILITY-BASKET, RH
		X				D205-541-045	HELI-UTILITY-BASKET, LH
			X			D205-541-046	HELI-UTILITY-BASKET, RH
				X		D205-541-141	HELI-UTILITY-BASKET, LH
					X	D205-541-142	HELI-UTILITY-BASKET, RH
					1	DSI-9302-011	STRUT MODIFICATION KIT (FOR D205-633 STEP INSTALLATION)
2*	2*					D2022-101	SPACER
					2	D2022-101	SPACER (FOR D205-633 STEP INSTALLATION)
1	1	1	1			D2199-1	STRUT
1	1	1	1			D2199-23	STRUT
1	1	1	1			D2199-25	STRUT
1*	1*	1*	1*			D2258-300	LABEL
1*	1*	1*	1*			D2332-041	PROP ASSEMBLY
				1	<1	D2332-041	PROP ASSEMBLY (OPTIONAL)
				1	<1	D2464-0410	NEOPRENE SEAL
1	1	1	1			D2498	MOUNTING LUG
1	1	1	1			D2499	MOUNTING LUG
1*	1*					D2512	BASKET LID ASSEMBLY

...CONTINUED ON NEXT PAGE

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Revision: I
Date: 10.01.29

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Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
2	2	2	2			D2515	BUSHING
1*	1*	1*	1*			D2530	HANDLE ASSEMBLY
2*	2*	2*	2*			D2535	SPRING
2*	2*	2*	2*			D2537	BUSHING
2*	2*					D2931	BUMPER
1	1	1	1			D3052-1	MOUNTING LUG
1*						D3053-041	BASKET BASE ASSEMBLY, LH
	1*					D3053-042	BASKET BASE ASSEMBLY, RH
		1*				D3712-041	BASKET BASE
			1*			D3712-042	BASKET BASE
		1*				D3713-041	LID ASSEMBLY
			1*			D3713-042	LID ASSEMBLY
	6*	6*				D3723-1	BUSHING
			2	2		D3953-9	GAS SPRING SPACER (OPTIONAL)
			- 1			D4041-011	SHORT BASKET ASS'Y, LH
					1	D4041-012	SHORT BASKET ASS'Y, RH
		20	- 1			D4048-041	MOUNTING LUG ASS'Y
					1	D4048-042	MOUNTING LUG ASS'Y
		31	- 1			D4048-5	MOUNTING LUG
					1	D4048-6	MOUNTING LUG
		32	- 1			D4048-7	MOUNTING LUG
					1	D4048-8	MOUNTING LUG
			6	6		D4048-9	BUSHING
		33	- 1			D4049-041	MOUNTING LUG ASS'Y
					1	D4049-042	MOUNTING LUG ASS'Y
			- 1			D4049-5	MOUNTING LUG
					1	D4049-8	MOUNTING LUG
			1	1		D4050-1	STRUT
			1	1		D4050-3	STRUT
			- 1			D4050-5	STRUT
					1	D4050-8	STRUT
				1		D4051-041	RAPPEL DEFLECTOR ASS'Y (OPTIONAL)
					1	D4051-042	RAPPEL DEFLECTOR ASS'Y (OPTIONAL)
				2	2	D4052-1	EYE BOLT
				10	10	AN3-5A	BOLT
				1	1	AN3-7A	BOLT (OPTIONAL)
				4	4	AN3-11A	BOLT (OPTIONAL)
2*	2*	2*	2*			AN3-16A	BOLT
				5	5	AN4-6A	BOLT
2*	2*					AN4-7A	BOLT
2	2	2	2	1	1	AN4-7A	BOLT
3	3	3	3	2	2	AN4-12A	BOLT
9	9	9	9			AN4-13A	BOLT
2	2	2	2	11	11	AN4-14A	BOLT
				1	1	AN4-16A	BOLT
		3*	3*			AN4-20A	BOLT

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Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
1*	1*	1*	1*			AN4-22A	BOLT
1*	1*	1*	1*			AN4-24A	BOLT
1	1	1	1			AN5-7A	BOLT
1	1	1	1			AN5-13A	BOLT
4*	4*	4*	4*			AN5-17A	BOLT
				5	5	AN960JD10	WASHER (OR NAS1149F0363P) (OPTIONAL)
				14	14	AN960JD10L	WASHER (OR NAS1149D0332J)
2*	2*	6*	6*			AN960JD416	WASHER (OR NAS1149D0463J)
				2	2	AN960JD416	WASHER (OR NAS1149D0463J) (OPTIONAL)
27	27	27	27	36	36	AN960JD416	WASHER (OR NAS1149D0463J)
2*	2*	2*	2*	4	4	AN960JD416L	WASHER (OR NAS1149D0416J)
4*	4*	4*	4*			AN960JD516	WASHER (OR NAS1149D0563J)
3	3	3	3			AN960JD516	WASHER (OR NAS1149D0563J)
2	2					AN960JD8	WASHER (OR NAS1149DN832J)
4*	4*	4*	4*			AN970-4	WASHER
2*	2*					MS20600AD4W3	RIVET
2*	2*	2*	2*	4	4	MS21042L3	NUT (OR MS21042-3)
				5	5	MS21042L3	NUT (OR MS21042-3) (OPTIONAL)
4*	4*	5*	5*			MS21042L4	NUT (OR MS21042-4)
16	16	16	16	20	20	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21043L4	NUT (OR MS21043-4)
4*	4*	4*	4*			MS21042L5	NUT (OR MS21042-5)
2	2	2	2			MS21042L5	NUT (OR MS21042-5)
				3	3	MS21075L3	NUTPLATE
				1	1	MS21086L3	NUTPLATE

• = ASSEMBLED AT DART

6.0 PARTS LIST HELI-ACCESS-STEP™

Qty -047	Qty -048	Part Number	Description
X		D205-541-047	HELI-ACCESS-STEP, LH
	X	D205-541-048	HELI-ACCESS-STEP, RH
1		D3724-041	STEP ASSY, LH
	1	D3724-042	STEP ASSY, RH
2	2	D3731-1	PLATE
2	2	D3751-1	SHIM
6	6	AN4-13A	BOLT
6	6	AN4-14A	BOLT
24	24	AN960JD416	WASHER
12	12	MS21042L4	NUT (OR MS21042-4)

5cm

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7.0 OPTIONAL EQUIPMENT

Qty -049	Part Number	Description
X	D205-541-049	LINER KIT
1	D2446	SIGN PLATE
1	D2509	LINER (BASE)
1	D2511	LINER (END)
6	MS24693S272	SCREW
6	A3235-020-935	WASHER
6	NAS679A3W	NUT
4	MS20470AD4-8	RIVET
42	MS20600AD4W4	RIVET

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